|  |  |
| --- | --- |
| word  Symbiosis | Meaning  Interactions between organisms living together for a long time. |
| example  orchid plant and a tree | Importance  Affects organisms ability to survive |

|  |  |
| --- | --- |
| Parasitism | Symbiotic relationship: one wins and one loses |
| Tapeworm and a pig | Affects organisms ability to survive |

|  |  |
| --- | --- |
| Mutualism | Symbiotic relationship: one wins and one loses |
| Protozoa and a termite  (The protozoa helps the termite digest wood) | Affects organisms ability to survive |

|  |  |
| --- | --- |
| Commensalism | Symbiotic relationship: one wins and one is not affected |
| Clownfish and sea anemone  ( The fish gets safety and the sea anemone gets nothing) | Affects organisms ability to survive |

|  |  |
| --- | --- |
| Producer | An organism capable of using the sun to make its food: PLANTS |
| Maple tree | First level of food chains, food webs, and pyramids of numbers. The capture energy needed for all other animals. |

|  |  |
| --- | --- |
| Consumer | An organism that relies on other living things for energy. ANIMALS |
| Herbivores, carnivores, omnivores | Us |

|  |  |
| --- | --- |
| Herbivore | Plant eaters |
| Cows, rabbits, etc. | Second level of food chains, food webs, pyramid of numbers |

|  |  |
| --- | --- |
| Carnivore | Eats other animals (meat eaters) |
| Lion, bear, fox, etc. | Third level of food chains, food webs, pyramid of numbers |

|  |  |
| --- | --- |
| Scavenger | Eats dead or decaying organisms |
| Raccoons, vultures, beetles, etc. | Clean up or recycle organisms in an ecosystem. |

|  |  |
| --- | --- |
| Decomposer | Organisms the break down the cells of dead or waste things. |
| Fungus, bacteria, etc. | Clean up or recycle organisms in an ecosystem. |

|  |  |
| --- | --- |
| Niche | The role or job of an organism in an ecosystem. |
| Lion is a carnivore. | Important part of ecosystems. Adds variety. |

|  |  |
| --- | --- |
|  |  |
|  |  |